

## ABSTRACT OF THE DISCLOSURE

A database solution is provided for the Architecture, Engineering and Construction (AEC) industry. A unified database integrates manufacturer, engineering, building code and regulatory information relative to building components. Manufacturer product names and numbers are cross-referenced to a standard nomenclature and numbering system, thereby  
5 creating a generic, universal mechanism for coding all building components. An intelligent drag and drop functionality allows users to seamlessly transfer database information into all computer-aided design (CAD) and non-CAD document systems.

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